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FEEDING STUFFS
REPORT

FOR THE YEAR

MILES HORST Secretary of Agriculture

Commonwealth of Pennsylvania

Department of Agriculture

Harrisburg

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Pennsylvania Department of Agriculture

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FEEDING STUFFS REPORT

1946

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs, and accordingly, during the year ending December 31, 1946, 432 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected 414 were selected for analysis.

Each and every feeding stuffs sold within this commonwealth is required to be properly labeled giving the following information:

Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1946, 175 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1946 was 589.

The 414 official samples analyzed were registered by 139 manufacturers and represented 11 classes and 402 brands as follows:

<u>Classes</u>	Samples
Maize By-Products. Wheat Offal. Oat By-Products Proprietary Dairy Feed. Proprietary Horse Feed. Proprietary Calf Meal. Proprietary Swine Feed. Proprietary Chop Feed. Proprietary Scratch Feed. Proprietary Mash Feed. Proprietary Small Animal Feed.	1 2 1 65 13 55 4 233 -31
Total	414

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to	150	tons, each	\$ 5 00
O AGI.	170	TORS TO KOO tone, again	10 00
O A CI.	500	LUIIS TO SUU TONS, ASAh	15 00
Over	500	tons, each	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buck-wheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1946 sales, 5473 brands of feeding stuffs were registered and 1256 licenses were issued to 998 manufacturers.

CONCLUSIONS

Of the 414 official samples analyzed, 81 or 19.57% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 25 samples or 6.36% were found deficient in protein, 15 or 6.32% deficient in fat, and 47 or 11.35% exceeded guarantees for fiber.

The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pe rlvania.

FEEDING STUFFS CLASSES	DO TOWN D	0000000					1 0	NO. DEFICIENT	ICIENT	
	SAMPLES	BRANDS	GTEED N-	PHOTEIN	TAPE	FIBER	PRICE PER TON	PROTEIN	FAT	EXCESS FIBER
Com Cluton Bood	-	-	-	10.38	04.4	5.37	74.00		-	
100 1 100 1100	1 -			00 21	4	8	1,8,80			
Wheat Bran	1	7	4	7.0	24	•				
Wheat Middlings		1	٦.	13.00	3.69	94.9	48.80	1	7	
Pulverized Whole Oats	1	1	1	13.19	60.9	13.21	74.00		1	!
Proprietary Dairy Feed	65	63	65	19.54	4.39	9.37	71.17	9	8	ω
Proprietary Horse Feed	13	12	13	12.67	4.25	8.61	69.85	:	1	N
Proprietary Calf Feed	2	. rv	10	27.11	3.77	5.50	73.20	-	-	<u> </u>
Proprietary Swine Feed	55	55	55	17.39	4.25	7.38	73.64	80	٣	6
Proprietary Chop Feed	4	±	#	12.50	4.23	8.80	69, 25	!		α.
Proprietary Scratch Feed	.†	. †	4	10.75	3.18	3.92	70.50	-	-	
Proprietary Mash Feed	233	224	233	18.41	4.55	6.80	80, 53	6	х	5₽
Proprietary Small Animal Feed	31	31	31	17.77	3.86	3.27		∾	7	<u>н</u>
TOTAL	414	705	† 1†	i				25	15	C+1
										.

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classification, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

MAIZE BY-PRODUCTS

WHEAT OFFAL (with and without Ground Grain Screenings) including Wheat Bran and Wheat Middlings.

OAT BY-PRODUCTS including Pulverized Whole Oats.

PROPRIETARY MIXED FEEDS including Dairy Feed, Horse and Mule Feed, Calf Feed, Swine Feed, Chop Feed, Scratch Feed, Mash Feed, and Small Animal Feed.

MANUFACTURER AND BRAND NAI MAIZE BY-PRODUCTS Hominy Feed MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. team Cooked Hominy Feed		Found P.ct.	Guar. P. ct.	Found P. et.	Guar. P. ct.	Found P. ct.	P. ct.	
Hominy Feed MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. team Cooked Hominy Feed			P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. team Cooked Hominy Feed		10.38						
Wilkes-Barre, Pa.		10.38						
·	(338)	10.38						
rerage		_	10.00	*4.40	5.00	5.37	5.00	
		10.38		+4.40		5.37		
WHEAT OFFAL								
Wheat Bran								
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.	7					1		
neat Bran	(336)	13.00	13.00	4.18	4.00	8.69	10.00	
verage		13.00		4.18		8.69		
Wheat Middlings								
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.	:							
noice Wheat Middlings	(337)	*13.00	15.00	*3.69	5.00	6.46	7.00	
verage		*13.00		*3.69		6.46		
OAT BY-PRODUCTS								
Pulverized Whole Oats								
GENERAL MILLS, INC. Minneapolis, Minn.								
ulverized Oats	(431)	13.19	12.00	6.09	4.50	13.21	13.00	
verage		13.19		6.09		13.21		
PROPRIETARY MIXED FEEDS								
Proprietary Dairy Feeds								
ADAM'S FEED & GRAIN SERVICE Bath, Pa.								
dam's 16% Dairy Feed	(203)	16.31	16.00	2.79	3.00	*9.58	8.50	
R. S. ALTMAN Irwin, Pa.								
ltman's 20% Dairy Ration	(82)	19.88	20.00	3.50	3.00	7.98	12.00	
ATLANTIC SUPPLY COMPANY Baltimore (2) Md.								
tlantic Feed Booster	(255)	39.06	40.00	7.88	4.00	4.43	8.00	
A. J. BALSHI Catawissa, Pa.								
ilk-Well 18% Dairy	(24)	.20.63	18.00	4.77	3.50	7.26	12.00	
R. A. BATES & SON Knoxville, Pa.								
ak Leaf 16% Dairy Ration	(168)	15.56	16.00	4.19	3.50	5.76	9.00	
BEDFORD MILLING COMPANY Bedford, Pa.								
ort Bedford Sweet 24%	(425)	25.63	24.00	3.52	3.00	*13.68	12.00	
BELLEVILLE FLOUR MILLS COMPANDED Belleville, Pa.	Y							
elleville 22% Dairy Ration	(405)	23.19	22.00	3.87	4.00	9.97	11.00	
BROWN & FASSETT Tunkhannock, Pa.								
& F Special Deiry Ration	(368)	19.44	16.00	4.48	4.00	*13.90	10.00	
Deficient								

MANUFACTURER AND BRAND N	AME	PR	OTEIN		FAT	FI	BER	
		Found	-	Found	d Guar.	Found	Guar.	COMPOSITION
CATAWISSA MILLING COMPANY Catawissa, Pa.		P. et.	P. ct.	P. ct.	P. et.	P. et.	P. et.	
Blue Ribbon 20% Dairy Feed	(104)	21.3	20.00	5.19	3.00	8.33	11.00	
CITY FLOURING MILLS, INC. Muncy, Pa.						1	12,00	
Muncy 20% Dairy Ration	(78)	*17.69	20.00	4.32	4.00	12.10	11.00	
CLARION ROLLER MILLS Clarion, Pa.			1					
Johnson's 16% Dairy Faed	(196)	16.88	16.00	4.39	3.50	11.00	10.00	
CLARK'S FEED MILL Shamokin, Pa.								
Clark's 18% Dairy Feed	(123)	20.94	18.00	7.28	3.00	8.73	12.00	
COOPERATIVE G.L.F. MILLS, INC Buffalo, New York								
17% Dairy	(95)	19.00	17.00	4.17	3.50	8.75	9.00	
DAYTON MILLING COMPANY Towanda, Pa.								
Dayton's Emergency Dairy Ration	(96)	17.38	14.00	4.19	3.50	8.52	10.00	
DIAMOND MILLING COMPANY New Brighton, Pa.								
Dismond 20% Dairy Ration	(191)	22.81	20.00	3.23	3.00	9.60	11.00	
J. I. ESHLEMAN & SONS Greencastle, Pa.								
E. L. M. 16% Dairy Feed	(389)	14.69	15.00	4.32	3.00	10.32	12.00	
FLORY MILLING COMPANY, INC. Bangor, Pa.							- 1	
Flory 16% Dairy Feed Flory 16% Dairy Feed	(273) (343)	19.31 19.19	16.00 16.00	3.86	3.00 3.00	9.47 10.31	10.00	::::::
FREYERMUTH MILLS Fredonia, Pa.								
Freyermuth's Quality 20% Dairy Feed	(127)	20.13	20.00	3.59	3.00	9.69	11.00	
D. D. FRITCH MILLING COMPANY Macungie, Pa.								
XXXX Fancy 16% Dairy Feed	(268)	17.31	16.00	4.16	3.00	*10.82	8.00	
FURRY'S MILL Loysburg, Pa.								
Furry's L6% Dairy Feed Furry's 20% Economy Dairy Feed	(420) (42 1)	17.38 20.38	16.00	4.17	3.50	12.26 10.04	12.00 12.00	::::::
GENERAL MILLS, INC. Larrowe Division Detroit, Mich.								
arro 18% Dairy Faed	(59)	19.88	18.00	4.39	3.00	9.12	12.00	
GOOD'S CITY MILLS, INC. Williamsport, Pa.					1			
ood's Dairy Fead	(88)	*19.56	24.00	4.93	4.00	11.75	11.00	
GOPHER STATE FEED COMPANY Minneapolis, Minn.			1.1					
o Bear Brand 20% Dairy Feed	(398)	19.94	20.00	3.88	4.00	11.92	11.00	
S. H. GOSS Lewistown, Pa.		1						
t. Rock 16% Dairy Ration	(397)	14.94	16.00	3.72	3.00	8.27	10.00	
HONESDALE PLOUR & FEED COMPANY Honasdale, Pa.								*
8% Dairy Feed	(360)	17.69	18.00	4.15	4.00	9.90	9.00	

<u>1-4-40</u>		PROT	EIN	FA	T	FIB	ER	
MANUFACTURER AND BRAND NAM	E	Found	Guar.	Found	Guar.	Found	Guar.	COMPOSITION
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HOWELL & SONS & JOHNSON Morrisvilla, Pe.								
Ho So Jo Deiry Faed	(264)	17.19	17.DO	4.78	4.00	8.00	8.00	
HUBBARD MILLING COMPANY Mankato, Minn.								
Hubbard's Sunshine Concentrate Hubbard's Sunshine 36% Deiry Ration Concentrate	(384) (-65)	31.94	32.00 36.D0	4.49 3.24	3.5D 3.50	6.57 7.26	7.0D 10.50	
KASCO MILLS, INC. Waverly, N. Y.	, ,,,							
Kaeco 18% Dairy Ration	(304)	17.81	18.00	5.36	3.50	10.34	10.00	
H. B. KRATZ & SONS Schwenksvilla, Pa.								
Ideal Dairy Faed	(216)	19.88	20,00	4.09	4.00	9.98	10.00	
LYCOMING MILLS Williamsport, Pa.								
Dairy Faed	(349)	18.25	18.00	3.72	3.50	*13.01	9.50	
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.		ĺ					1	
BB Bull Brand Dry & Fresh Cow- Fitting Ration	(173)	17.13	13.00	4.56	3.50	8.48	9.00	
Swaetaned Bull Brand 18% Dairy Ration	(172)	17.63	18.00	4.82	3.50	4.71	9.00	
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Blue Ribbon Dairy Faed	(411)	*17.69	20.00	4.29	4.00	8.46	12.00	
MINER-HILLARD MILLING COMPANY Wilkea-Barra, Pa.								
16% Dairy Faed	(332)	17.69	16.00	5.67	3.00	8.00	9.00	
MOR-LOU FARMS Fallsington, Pa.								
Mor-Lou Farms 16% Dairy Ration	(261)	17.69	16.00	4.57	4.00	7.20	9.00	
MOYER & SON Souderton, Pe.		00		1 2/		0.36	12.00	
Moyar & Son Dairy Fead	(47)	21.88	20.00	4.16	4.00	9.30	12.00	
NYCE'S SUPPLY YARDS New Britain, Pa.			30.00). 10	2 50	10.55	10.00	
Gilt Edga 18% Dairy Ration	(44)	17.31	18.00	4.19	3.50	10.77	10.00	
PINE RUN FARM SUPPLY Doylastown, Pa.	(4D)	26.13	24.00	3.51	3.50	8,11	12.00	
24% Dairy Faad PRATT FOOD COMPANY Hammond, Ind.	(40)	20.15	24.00	3.72	3.70			
Pratt's Swaat 16% Dairy Faed	(254)	14.69	16.00	5.44	3.50	10.01	10.00	
READING MILLING COMPANY Reading, Pa.								
Wartz Circla 20% Dairy Paad	(314)	17.13	16.00	4.26	4.00	*14.11	11.00	
RICHARDS MILLING COMPANY								
Cortland, Dhio Richards Thrift 18% Dairy Fead	(249)	20.06	18.00	4.22	3.00	8.50	10.00	
ROBERTS FEED MILL Packvilla, Pa.	(=-//							
Rob Rosa 20% Dairy Faad	(374)	*15.63	20.00	*3.58	4.00	8.77	8.00	
• Deficient					1			
							1	

MANUFACTURER AND BRAND N	TABLE	PRO	TEIN	F	AT	FI	BER	COMPOSITION
MANOPACTURER AND BRAND IN	AME	Found	Guar.	Found	Guar.	Found	Guar.	
H. ROCKWELL & SON Canton, Pa.		P. ct.	P. ct.	P. ct.	P. et.	P. ct.	P. ct.	
Canton 16% Dairy Ration	(351)	19.88	16.00	4.11	3.50	10.18	12.00	
ROSSMOYME PROCESSING CORPORAT	_				347.	10.	12.00	• • • • • • • • • • • • • • • • • • • •
Ressmoyna Menor Brand Milk Substitute	(256)	37.69	38.00	7-35	3.50	*5.80	5.00	
ROUX FEED MILLS Sharon, Pa.								
Roux Red Hibbon 16% Dairy Roux 20% Dairy	(140) (139)	18.19 19.88	16.00	4.07 3.83	3.00	7.59 8.17	12.00	
E. C. RUMBAUGH Saxonburg, Pa.								
ocal Mix Dairy Faed	(228)	19.31	16.00	4.20	3.00	10.77	12.00	
SANDY LAKE MILLS Sandy Lake, Pa.								
Fin-All 18% Dairy Faed	(130)	21.25	18.00	5.67	4.00	11.67	12.00	
SCRANTON FLOUR & GRAIN COMPA Scranton, Pa.	.NY							
enn State Dairy Ration	(377)	*14.13	20.00	*3.26	5.00	5.77	8.00	
SHYDER MILLING COMPANY Nezereth, Pe.								
old Star 16% Dairy Feed	(207)	15.25	16.00	3.94	3.00	13.12	12.00	
EDWIN F. STOVER ESTATE Perkesie, Pe.								
tover's 18% Deiry Feed	(208)	18.06	18.00	4.59	3.50	11.07	11.00	
THRIFT FEED MILL Doyleatown, Pa.								
hriftee 18% Dairy Feed	(281)	17.65	18.00	3.91	3.50	8.29	9.00	
TIOGA MILLS, INC. Waverly, N. Y.								
1-0-Ga Dry Fresh Dsiry Feed 1-0-Ga 16% Dairy Feed 1-0-Ga 16% Dairy Feed	(166) (164) (116)	14.63 17.19 16.81	13.00 16.00 16.00	5.21 4.88	3.50 3.50 3.50	9.11 9.09 8.70	12.00 10.00 10.00	
JACOB TRINLEY & SONS Linfield, Pe.								
rinlay's 16% Dairy Feed	(265)	14.63	16.00	3.44	3.50	11.68	11.00	
VANDERVORT MILLS Leceyville, Pe.						i		
endarvort's 18% Special Dairy Ration	(155)	16.63	18.00	4.61	4.00	*9.83	8.00	
andarvort's 16% Special Deiry Ration	(371)	15.44	16.00	4.25	4.00	10.85	11.00	
WAYMART MILLING COMPANY Waymart, Pa.	.3				1	10.0)	11.00	
ay-Baat Dairy Ration	(359)	21.94	20.00	5.42	3.50	8.38	10.00	1
WATHE MILLING COMPANY Honesdele, Pe.								
ayna Dairy	(382)	17.75	18.00	3.69	3.50	7.69	9.00	
HARRY J. WEIMER, JR. Lewistown, Pa.								ę
aimer's 18% Dairy Peed	(400)	*14.75	18.00	3.62	3.50	8.84	9.00	
	1							
	,		,					

MANUFACTURER AND BRAND NAME		PROTEIN			T		BER	COMPOSITION	
MANUFACTORER AND BRAND NA		Found	Guar.	Found	Guar.	Found	Guar.		
WEST APOLLO MILLING COMPANY Apollo, Pa.		P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.		
pollo's Best 20% Dairy Feed	(232)	19.44	20.00	4.64	3.50	7.85	11.00		
verage		19.54		4.39		9.37			
Proprietary Horse Fead									
R. A. BATES & SON Knoxvilla, Pe.									
oak Leaf Horse Faed	(167)	11.13	11.00	4.39	3.50	4.86	8.00		
BUCK & HUNSBERGER West Point, Pa.									
3. & B. Borse Feed	(51)	11.25	10.00	3.86	4.00	6.67	7.00		
COOPERATIVE G.L.F. MILLS, INC Buffalo, N. Y.	•								
itting Retion	(91)	14.63	12.00	3.52	3.50	8.33	10.00		
DAYTON MILLING COMPANY Towanda, Pe.									
Dayton's Fitting Retion Deyton's Fitting Retion	(97) (98)	13.94 13.31	12.00	3.76 4.09	3.50 3.50	8.42	10.00		
JOHN W. ESHELMAN & SONS Lancaster, Pa.									
Shelman 85% Horse Feed (Red Rose) MINER-HILLARD MILLING COMPAN Wilkes-Barre, Pa.	-	13.38	9.00	4.49	3.00	*11.23	10.00		
4-R Fitting Ration 4-H Horsa Feed	(331) (334)	13.44	12.00	5.29 4.54	3.60	8.99 7.29	9.00		
ROBERTS FEED MILL Peckville, Pa.									
No. 1 Horse Feed	(375)	9.69	10.00	3.99	3.50	4.68	7.00		
H. ROCKWELL & SON Canton, Pa.									
Rockwell's Fitting Retion	(358)	14.38	14.00	4.33	3.50	10.89	10.00		
TIOGA MILLS, INC. Waverly, N. Y.							1		
ri-O-Ga Horsa Faed	(160)	12.38	10.50	4.15	3.00	8.78	10.50		
JACOB TRINLEY & SONS Linfield, Pa.									
Supreme 85% Horse Feed	(313)	11.88	9.00	4.50	2.50	11.42	11.00		
VANDERVORT MILLS Laceyville, Pe.									
Vandarvort's 12% Fitting Ration	(157)	11.25	12.00	4.34	4.00	*10.23	7.00		
Avarage	•	12.67		4.25		8.61			
Proprietary Calf Feed									
R. A. BATES & SON Knoxville, Pa.									
Dak Laaf Calf Sterter		20.06	20.00	*3.27	4.00	5.61	6.00		
EASTERN STATES FARMERS' EXCHAN West Springfield, Mass.									
Calf Starter	(246)	22.38	23.00	4.29	3.00	6.00	6.00		
* Daficiant									

MANUFACTURER AND BRAND NA	ME		TEIN	F	AT	FI	BER	COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar,	
J. W. ESHELMAN & SONS Lancastar, Pa.		P. ct,	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Eshelman Red Rosa Calf Startar	(63)	24.81	22.00	3.83	4.00	3.93	5.00	
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Mastar Mix Calf Pellats with Mathio-Vita	(18)	27.00	26.00	4.02	2.50	5.72	7.00	
MINER-HILLARD MILLING COMPAN Wilkas-Barre, Pa.	Y							
A-1 Calf Maal	(329)	20.31	19.50	3,42	3.80	6.22	9.00	
Averaga		27.11		3.77		5.50		
Propriatary Swine Faad								
ADAM'S FEED & GRAIN SERVICE Bath, Pa.								
Adam's Pig & Hog Faed	(200)	19.63	16.00	3.72	2.00	6.62	7.00	
R. S. ALTMAN Irwin, Pa.								
Altman's Hog Feed	(56)	16.06	15.00	4.76	3.00	7.66	7.00	
A. J. BALSHI Catawissa, Pa.								
ust Gro Pig & Hog Feed fust Liv & Gro Pig & Hog	(25)	17.44	17.00	5.13	4.00	6.52	10.00	
Concentrata Pig Startar	(26) (27)	*31.25 19.38	36.00	2.98 6.66	3.00 3.50	3.97	6.00 7.00	
BARE MILLING COMPANY Roaring Spring, Pa.		1			,,,,,			
tarling Pig & Hog Maal	(408)	16.19	16.00	*3.38	4.00	7.54	9.00	
BEDFORD MILLING COMPANY Bedford, Pa.								
ort Bedford Pig & Hog	(427)	18.63	16.00	4.46	3.00	*11.91	10.00	
BELLEVILLE FLOUR MILLS COMPAN Balleville, Pa.	Y							
lue Ribbon Pig Meal	(406)	13.88	15.00	3.16	3.50	8.85	12.00	
BUCK & HUNSBERGER West Point, Pa.								
. & H. Pig Feed	(50)	14.56	16.00	3.68	4.00	6.17	10.00	
CATAWISSA MILLING COMPANY Catawissa, Pa.								
ernie's 16% Hog Faad	(103)	17.81	16.00	4.96	3.50	7.65	10.00	
CITY FLOURING MILLS, INC. Muncy, Pa.								
uncy Hog Feed DAVIS FEED MILLS	(77)	15.88	16.00	5.02	4.00	5.88	7.00	
Rushland, Pa.								
Pavis Pig Fead	(280)	21.75	15.00	4.63	3.50	6.98	7.00	
DAYTON MILLING COMPANY Towanda, Pa.								
ayton's Pig and Hog Growar	(154)	17.31	16.00	3.21	3.30	6.36	8.50	
DEWALD'S MILL Bloomsburg, Pa.								
lua Ribbon Hog Supplament lue Ribbon Pig & Hog Maal	(108) (106)	*28.06 13.75	34.00 14.00	9.97 5.11	4.00 3.00	5.05 5.48	7.00 8.00	
Daficiant								

100-141		PRO	TEIN	F A	T	FIE	BER	COMPOSITION
MANUFACTURER AND BRAND NAM	4E	Found	Guar.	Found	Guar.	Found	Guar.	
EASTERN STATES FARMERS' EXCHANG	E	P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.	
Wast Springfield, Mess. Hog Supplement	(247)	30.84	30.00	3.72	2.00	7.92	10.00	
J. I. ESHLEMAN & SONS Greencastle, Pe.								
E. L. M. Sura Curl Pig Maal	(390)	16.25	18.00	3.52	3.50	8.73	9.00	
FLORY MILLING COMPANY, INC. Bangor, Pa.								
Flory Hog Feed	(274)	17.19	16.00	5.33	3.50	8.14	9.00	
FORSHEY'S FEED & GRAIN MILL Martinsburg, Pe.								
Forshay's Pig & Rog Faed	(414)	17.50	16.00	3.56	3.50	7.54	7.50	
FREYERMUTH MILLS Fredonia, Pa.								
Frayarmuth's Quality All-In-Ona Rog Fead	(128)	16.31	15.00	4.41	3.00	8.40	10.00	
D. D. FRITCH MILLING COMPANY Mecungie, Pa.							1	
XXXX Fancy Pig-N-Hog Ration FURRY'S MILL	(269)	16.88	17.00	4.02	3.50	*9.31	7.00	
Loysburg, Pa. Furry's Pig Meal	(422)	17.00	18.00	4.84	4.00	6.04	8.00	
GENERAL MILLS, INC. Larrowa Division Detroit, Mich.								
Larro Sow & Pig Buildar	(57)	19.06	17.50	4.54	3.50	7.09	8.00	
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Pig & Rog Meal	(89)	16.13	15.00	4.21	4.00	*9.44	7.00	
HUNTSINGER MILL Hegins, Pa.								
Quality Hog Feed	(7)	14.25	15.00	4.24	4.00	5.98	7.00	
H. B. KRATZ & SCNS Schwenksville, Pa.								
Idaal Pig & Hog Faad	(219)	17.00	17.00	3.74	4.00	*9.24	8.00	
A. F. LEIDY Delphi, Pa.						1		
Leidy's Hog Faad	(215)	*13.81	16.00	*3.28	4.00	*8.13	7.00	
LOYSBURG FEED MILL Loysburg, Pa.	(1.61.)	2 (2)	75.00		2.50	0 00	10.00	
Producer Brand Pig & Hog Meal	(424)	16.94	15.00	3.61	3.50	0.79	10.00	
W. H. MANBECK & COMPANY Mifflin, Pa.								
Juniata Pig Meal	(403)	16.75	14.00	3 • 73	3.00	6.36	9.00	
MARITIME WILLING COMPANY, INC Buffalo, N. Y.								
BB Pig & Hog Feed	(175)	14.69	15.00	4.23	3.50	7.00	7.00	
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Champion Fig Meal	(412)	*14.69	20.00	4.71	4.00	*7.32	6.00	
• Deficient								

300-4-14

MANUFACTURER AND BRAND NA	ME		TEIN		AT		BER	COMPOSITION
		Found	Guar.	Found	Guar.	Found	_	
MINER-HILLARD MILLING COMPA Wilkes-Barre, Pa.	NY	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
A-1 Pig Grower Superior Hog Ration	(326) (330)	17.31 14.13	19.00 14.00	5.53 4.91	3.50 4.00	*7.39 *7.89	6.00 6.00	°
MOYER & SON Souderton, Pa.								
4. & S. Hog Supplement	(48)	33.31	30.00	5.56	5.50	7.53	9.00	
NYCE'S SUPPLY YARDS New Britain, Pa.								
Gilt Edge Pig & Hog Meal	(43)	16.06	16.00	3.96	4.00	7.51	7.00	
P. J. OESTERLING & SON, INC. Butler, Pa.		1			,	ľ		
Sun-Side Penna. Stata Farmers Hog Ration	(179)	16.56	16.00	3.84	4.00	6.98	9.00	
PERDUE & ORTON North East, Pa.								
Hog Fead	(145)	16,44	17.00	4.29	4.00	6.35	8.00	
PETERSBURG MILLING COMPANY Bessemer, Pa.								
Pemico Hog Feed	(189)	*17.38	20.00	4.21	4.00	3.43	10.00	
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run Hog Fead	(39)	14.44	15.00	3.67	4.00	8.12	10.00	
READING MILLING COMPANY Reading, Pa.								
Reading Hog Feed	(319)	13.44	14,00	4.07	4.00	*12+88	11.00	
RED BANK MILLS Bethlehem, Pa.						-1		
ded Bank Special Hog Feed	(198)	15.19	15.00	3.74	4.00	7.11	7.00	
C. C. REPLOGLE Woodbury, Pa.								
Replogle's Pig & Hog Meal	(419)	13.81	16.00	3.13	3.00	5.21	6.00	
RICHLAND FEED COMPANY Richlandtown, Pa.								
oig Meal	(31)	18.13	16.00	4.67	3.50	6.90	7.50	
ROUX FEED MILLS Sharon, Pa.								
loux Porkmaster Hog Meal	(137)	18.19	18.00	3 - 59	3.00	4.91	10,00	
SHANK'S MILL Waynesboro, Pa.								
Shank's Pig Meal	(387)	*13.06	17.00	3.98	3.50	7.26	7.00	
SOMERSET MILLING COMPANY Somerset, Pa.				-				
Just Right Pig & Hog Meal	(66)	18.81	18.00	4,23	4.00	6.21	7.50	
S & R FEED COMPANY Quakertown, Pa.								
S & R Hog Feed	(36)	15.69	14.00	3.66	3.50	7.36	7.00	
W. B. THOMPSON & SON Waynesboro, Pa.				4				ō
Thompsons Pig & Hog Meal	(385)	13.69	15.00	3.25	2.00	8.48	11.50	
* Deficient								
		1						

MANUFACTURER AND BRAND NA	ME	PRO	TEIN	F.	AT	F1	BER	COMPOSITION
MINOTACTORER AND BRAND NA	ME	Found	Guar.	Found	Guar.	Found	Guar.	
THOMPSONTOWN FLOUR & FEED MIL Thompsontown, Pa.	L	P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.	
Pork Profit Hog Faed	(393)	16.69	17.81	4.53	3.93	*7.54	4.31	
TIOGA MILLS, INC. Waverly, N. Y.								
Ti-O-Ga Brood Sow and Shoat Feed	(117)	17.38	16.50	4.38	3.00	8.67	8.00	
JACOB TRINLEY & SONS Linfield, Pa.								
Raal Hog Feed	(266)	*15.50	18.00	*3.17	4.00	*12.42	10.00	
VANDERVORT MILLS Laceyville, Pa.								
Vandervort's Hog Fattening Ration	(156)	*12.06	16.00	3 • 73	3.50	6.41	7.00	
H. G. WEST Slippery Rock, Pa.								
Wast's Special Hog Ration	(181)	21.56	18.00	3.71	2.00	6.87	7.00	
WESTERMAN'S FEED STORE Sarver, Pa.								
Home Mix Rog Feed	(229)	14.14	15.00	3.28	3.50	6.58	8.00	
WOODBURY MILLING COMPANY Woodbury, Pa.							1	
Eat Mor Pig & Hog Ration	(418)	16.50	14.50	3.93	3.00	6.95	10.00	
Avarage		17.39		4.25		7.38		
Propriatary Chop Feed CLARION ROLLER MILLS Clarion, Pa.								
Johnson's Special Chop	(197)	11.25	10.00	3.83	3.00	*14.32	12.00	
SAMUEL ENTROT & SON Uniondale, Pa.						}		
Pure Corn and Oats Chop	(379)	10.81	10.00	4.23	4.00	*6.80	6.00	
JOSEPH OTTO North East, Pa.								
Chop Feed	(152)	9.38	10.00	4.67	2.00	5.84	6.00	
ROUX FEED MILLS Sharon, Pa.								
Roux Chop	(141)	17.56	10.00	4.17	3.00	8.23	12.00	
Average		12.50		4.23		8.80		
Proprietary Scratch Feed ANDERSON GRAIN & FEED COMPAN York, Pa.	Y							ð
Anderson Quality Scratch Grains	(294)	10:19	10.00	3.59	2.50	3.12	5.00	
H. N. EPPINGER'S FEED MILL New Bedford, Pa.								
Scratch Grains	(185)	10.06	10.00	2.73	3.00	2.19	5.00	
GENERAL MILLS, INC. Larrowa Division Detroit, Mich.								
	(60)	11.38	9.50	2.52	2.00	2.50	4.00	
Detroit, Mich. Larro Scratch Grains	(60)	11.38	9.50	2.52	2,00	2.50	4,00	
Deficient								

MANUFACTURER AND BRAND NA	ME		TEIN	FA	T	FIB	ER	COMPOSITION
MANUFACTURER AND BRAND NA	IVI E.	Found	Guar.	Found	Guar.	Found	Guar.	
SUNBURY MILLS, INC. Sunbury, Pa.		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Wais Quality Scratch Fead	(120)	11.38	9.50	3.93	2.50	*7.87	7.00	
Average	(==-,	10.75		3.18		3.92		
Propriatary Mash Faed		20175		3.2		34,2		
ADAM'S FEED & GRAIN SERVICE Bath, Pa.	:							
Adam's Growing Mash Adam's Laying Mash	(201) (202)	18.18 20.50	16.00	3.48 4.19	2.00	6.53 7.12	7.00 7.00	
R. S. ALTMAN Irwin, Pa.								
Altman's Buttermilk Growing Mash Altman's Buttermilk Startar &	(112)	18.06	14.00	4.19	3.00	5.43	9.00	
Broiler Mash Altman's Buttermilk Starter &	(109)	16.19	15.00	4.37	3.00	6.91	8.00	
Broiler Mash Altman's Buttarmilk Startar &	(81)	16.81	15.00	4.56	3.00	7.00	8.00	
Broilar Mash Altman's Fattening Mash Altman's Supar-A-Egg Mash Altman's Super-A-Egg Mash Altman's 20% Production Mash	(53) (55) (111) (86)	17.00 15.06 *16.19 *14.81	18.00	3.76 4.62 3.85 4.53	3.00 4.00 3.50 3.50	7.58 6.25 6.48 6.34	8.00 6.00 8.00 8.00	
Altman's 20% Froduction Mash Super A Altman's Quality Egg Mash Altman's Quality Egg Mash Altman's Yeast Growing Mash	(84) (250) (110) (52)	*17.88 16.06 15.13 15.19	20.00 15.00 15.00 14.00	4.51 4.39 4.52 4.17	4.00 3.00 3.00 3.00	6.48 6.81 6.17 8.28	9.00 9.00 9.00 9.00	
Altman's Yeast Starter & Broiler Ration-Super A	(83)	14.75	15.00	4.12	3.00	8.42	8.00	
Altman's Yeast Starter & Broiler Ration-Super A Altman's Yeast Turkey Developar	(54) (85)	17.75 16.63	15.00 17.00	4.69 4.56	3.00	8.16 7.21	8.00	::::::
ANDERSON GRAIN & FEED COMPAN York, Pa.	ΥY							
Anderson Crate Fattaning Mash	(295)	16.44	14.00	4.07	3.00	*10.08	7.00	
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling Laying Mash Sterling Starting & Growing Mash	(409) (410)	18.13 16.25	20.00	3.69 3.74	4.00	5.21 5.04	7.50 7.00	
R. A. BATES & SON Knoxville, Pa.								
Oak Leaf Chick Starter & Growar Oak Leaf Egg Mash	(170) (169)	17.94 19.00	18.00	4.92	4.00	4.52 5.22	8.00	
BEDFORD MILLING COMPANY Bedford, Pa.	() - ()							
Fort Bedford 20% Layar C. D. BELL & SON Hop Bottom, Pa.	(426)	20.94	18.00	4.66	4.00	9.49	9.00	
C. D. Bell Hen Mash	(378)	20.25	18.00	4.29	3.00	6.62	9.00	
BELLEVILLE FLOUR MILLS COMPAN Ballavilla, Pa.				/	3			
Ultra-Lifa 18% Laying Mash	(407)	*16.19	18.00	4.05	4.00	7.26	7.50	
THE BIG FOUR MILLS, LTD. Covington, Ky.								
Big Four Layer & Breader Mash	(315)	17.00	18.00	4.21	3.00	6.00	6.50	
BROWN & FASSETT Tunkhannock, Pa.								
B & F Chick & Starting Mash B & F Favorita Dry Mash	(369) (370)	16.81 19.06	14.50 18.00	5.41 5.29	4.00 5.00	*7.87 *10.23	6.00 9.00	::::::
• Deficient								

04-44		PRO	TEIN	FA	T	FIB	ER	COMPOSITION
MANUFACTURER AND BRAND NA	AME	Found	Guar.	Found	Guar.	Found	Guar.	
JOHN S. BROWN'S SON New Castle, Pa.		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Our Quality Laying Mash Our Quality Starting Mash	(240) (23 9)	18.94 19.00	20.00 18.00	5.42 4.98	4.00 4.00	*8.09 *8.00	7.00 7.00	
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Kernia's Growing Mash Kernia's Laying Mash	(102) (101)	19.44 16.63	18.00 18.00	5.79 4.34	4.50 4.00	7.46 6.98	7.00 8.00	
CITY FLOURING MILLS, INC. Muncy, Pa.								
Muncy Growing Mash Muncy Laying Mash Muncy Starting & Growing Mash	(79) (76) (80)	15.13 *16.69 17.00	15.00 19.00 17.00	4.64 4.97 4.62	4.50 4.00 4.00	7.12 6.67 6.02	7.00 7.00 7.00	
CLARK'S FEED MILL Shamokin, Pa.								
Clark's Chick Starter Clark's Growing Mash Clark's Laying Mash	(121) (122) (124)	18.19 20.13 21.19	17.00 18.00 20.00	4.80 5.34 5.79	3.00 3.00 3.00	6.62 6.54 6.14	7.00 7.50 7.50	
COLLEGEVILLE MILLS Collegeville, Pa.	4	_,		* 11	- 00	5 1.0	6 00	
Improved Growing Mash Improved Laying Mash	(22 1) (220)	16.75 18.25	18.00 18.00	*4.44	5.00	5.49 5.60	6.00	
THE G. E. CONKEY COMPANY Cleveland, Ohio								
Conkeys Y-0 (Brand) All Mash Chic Ratio	ek on (62)		16.00	4.28	3.50	3.94 5.49	7.00	
Conkeys Y-0 (Brand) Growing Mash	(61)	20.94	18.00	5.07	3.50	5.49	7.00	
COOPERATIVE G.L.F. MILLS, IN Buffalo, N. Y.								
Breeder Mash Chick Starter Growing Mash Laying Mash	(90) (93) (94) (92)	19.94 20.56 18.69 21.13	19.00 20.00 20.00 19.00	3.58 3.61 3.71 3.39	2.50 2.50 2.50 2.50	6.46 6.47 6.17 5.69	7.00 6.50 7.00 7.00	
DARLINGTON MILLING COMPANY Darlington, Pa.	ť							
Darmico Egg Darmico Growar Darmico Starter	(237) (236) (238)	*16.13 15.13 18.56	19.00 16.00 17.00	4.84 *4.48 5.44	4.50 5.00 4.50	4.57 4.61 5.63	6.50 8.50 8.00	
DAVIS FEED MILL Rushland, Pa.						1		
Davis Growing Mash Davis Laying Mash Davis Starter Mash	(279) (278) (277)	19.03 18.38 17.88	17.00 20.00 19.00	4.73 4.94 4.56	5.00 4.00 5.00	5.96 6.19 6.25	7.00 7.00 7.00	
DAYTON MILLING COMPANY Towanda, Pa.								
Dayton's Ideal Laying Mash Dayton's Starter & Grower	(153) (99)	19.25 20.69		4.12 3.40	3.50	5.66	8.00	
DEWALD'S MILL Bloomsburg, Pa.							0.00	
Blue Ribbon Laying Mesh Blue Ribbon Starter & Grower	(105) (107)	16.63 16.75		5.39 5.31	3.00	4.97	8.00	
DIAMOND MILLING COMPANY, I New Brighton, Pa.	NC.						0.50	
Diamond Grower Mash Diamond Layer Mash Diamond Starter Mash	(192) (190) (193)	20.50 23.06 19.50	20.00	3.26 3.96 3.64	3.50	5.81 6.87 5.41	8.50 8.00 8.50	
* Deficient								

ANUFACTURER AND BRAND NAME		Found Guar, Found Guar.								
_			_		Found	Guar.				
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.				
(211) (212)	17.38 17.94	18.00 18.00	4.54 4.55	4.40 4.00	*8.22 *7.38	7.20 6.30	::			-
(298)	11.19	10.00	2.89	3.00	1.97	3.00				-
IGE										
(73) (75) (74)	15.94 18.06 17.16	14.50 18.00 18.00	4.08 4.54 4.29	2.50 2.50 2.50	6.69 7.06 7.91	6.50 8.00 8.00	= :		= =	=
,										
(184)	19.44	18.00	5.79	4.00	6.24	7.50				_
(303)	17.88	18.00	4.58	3.50	*8.75	7.50		. .		-
(3 1 8) (301)	18.50	18.00 16.00	4.21 4.51	3.50	8.20 *9.17	7.50 7.50 7.00		-		-
(64) (302) (317)	17.19 23.50 18.44	16.00 24.00 16.50	3.89 4.41 4.86	3.50 3.50 3.75	7.08 *7.29 8.07	7.00 6.50 7.50	= =	- :	: -	=
1						ŀ				
(391)	17.94	16.00	3.87	3.50	7.99	9.00				_
	20.19 21.50	20.00	5.44 5.81	3.00	6.98 6.04	7.00 7.00	::			-
(271) (272) (270)	20.13 19.69 18.81	20.00 17.50 19.00	4.81 5.11 5.22	4.00 4.00 4.00	*7.81 *8.18 7.25	7.00 6.00 7.00	= =	= =	·	<u>-</u> -
(275) (276) (342) (341) (340)	19.13 17.94 16.94 20.44 18.50	17.00 17.00 17.00 18.00 16.00	4.28 3.67 3.41 3.33 2.86	3.50 3.50 3.50 3.00 3.00	7.26 7.18 7.66 8.48 *9.70	7.00 7.50 8.00 8.00 8.00				-
	_,,,,		3.27	5.,0	7.75	01,0				
(416) (415)	16.94 19.69	16.00	4.27 4.60	4.00 4.00	6.83 7.24	6.50 7.00	::	::		
(423)	18,13	19.00	4.76	4.00	6.69	7.00				
(244) (245) (58)	20.56 18.00 19.56	19.00 18.00 18.00	3.94 4.87 5.10	3.00 3.00 3.00	6.08 8.41 7.66	7.00 8.00 8.00	==	<u> </u>	= =	
			-							
	(212) (298) NGE (73) (75) (74) (184) (303) (316) (318) (301) (302) (317) (391) (126) (1272) (276) (276) (276) (342) (277) (276) (276) (342) (340) (3339) (416) (415) (423)	(211) 17.38 (212) 17.94 (298) 11.19 NOE (73) 15.94 (75) 18.06 (74) 17.16 (184) 19.44 (303) 17.88 (316) 17.31 (318) 18.13 (64) 17.19 (302) 23.50 (317) 18.44 (391) 17.94 (126) 20.19 (125) 21.50 (271) 20.13 (272) 19.69 (270) 18.81 (275) 19.13 (276) 17.94 (342) 16.94 (341) 20.44 (340) 18.50 (339) 19.69 (416) 16.94 (415) 19.69 (423) 18.13	(211) 17.38 18.00 (212) 17.94 18.00 (298) 11.19 10.00 (298) 15.94 14.50 (75) 18.06 18.00 (74) 17.16 18.00 (184) 19.44 18.00 (318) 18.50 18.00 (318) 18.50 18.00 (318) 18.50 18.00 (318) 18.50 18.00 (318) 18.13 16.00 (404) 17.19 16.00 (302) 23.50 24.00 (317) 18.44 16.50 (271) 20.13 20.00 (272) 19.69 17.50 (270) 18.81 19.00 (275) 19.13 17.00 (342) 16.94 17.00 (342) 16.94 17.00 (341) 20.44 18.00 (340) 18.50 16.00 (340) 18.50 16.00 (341) 20.44 18.00 (340) 18.50 16.00 (341) 20.44 18.00 (340) 18.50 16.00 (341) 20.44 18.00 (341) 20.44 18.00 (340) 18.50 16.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 20.44 18.00 (341) 19.69 17.00 (342) 16.94 17.00 (341) 20.44 18.00 (345) 18.50 16.00 (347) 18.50 16.00 (347) 18.50 16.00 (348) 18.50 16.00 (4423) 18.13 19.00	(211) 17.38 18.00 4.54 (212) 17.94 18.00 4.55 (298) 11.19 10.00 2.89 NGE (73) 15.94 14.50 4.08 (75) 18.06 18.00 4.54 (74) 17.16 18.00 4.59 (184) 19.44 18.00 5.79 (184) 19.44 18.00 5.79 (184) 19.44 18.00 5.79 (303) 17.88 18.00 4.58 4.52 (318) 18.50 18.00 4.51 (316) 18.50 18.00 4.51 (318) 18.50 4.51 (318) 18.50 18.00 4.51 (64) 17.19 16.00 3.89 (302) 23.50 24.00 4.81 (317) 18.44 16.50 4.86 (391) 17.94 16.00 3.87 (126) 20.19 20.00 5.44 (312) 19.69 17.50 5.11 (272) 18.81 19.00 5.22 (275) 19.13 17.00 4.28 (276) 17.94 17.00 3.67 (342) 16.94 17.00 3.41 (272) 18.81 19.00 5.22 (275) 19.13 17.00 4.28 (276) 17.94 17.00 3.67 (342) 16.94 17.00 3.41 (341) 20.44 18.00 3.33 (340) 18.50 16.00 2.86 (339) 19.69 17.00 3.19 (416) 16.94 16.00 4.27 (415) 19.69 20.00 4.60	(211) 17.38 18.00 4.54 4.40 (212) 17.94 18.00 4.55 4.00 (298) 11.19 10.00 2.89 3.00 (298) 11.19 10.00 2.89 3.00 (298) 11.19 10.00 4.51 2.50 (75) 18.06 18.00 4.54 2.50 (74) 17.16 18.00 4.29 2.50 (74) 17.16 18.00 4.29 2.50 (184) 19.44 18.00 5.79 4.00 (318) 18.50 18.00 4.51 3.50 (318) 18.50 18.00 4.51 3.50 (318) 18.13 16.00 4.51 3.50 (302) 23.50 24.00 4.41 3.50 (302) 23.50 24.00 4.41 3.50 (317) 18.44 16.50 4.86 3.75 (271) 17.94 16.00 3.87 3.50 (271) 20.13 20.00 5.81 3.00 (272) 19.69 17.50 5.11 4.00 (272) 19.69 17.50 5.11 4.00 (272) 19.69 17.50 5.11 4.00 (272) 19.69 17.50 5.11 4.00 (273) 18.81 19.00 5.22 4.00 (341) 20.44 18.00 3.87 3.50 (341) 20.44 18.00 3.87 3.50 (341) 20.44 18.00 3.33 3.00 (339) 19.69 17.00 3.41 3.50 (341) 20.44 18.00 3.33 3.00 (339) 19.69 17.00 3.19 3.50 (416) 18.50 16.00 2.86 3.00 (339) 19.69 17.00 3.19 3.50 (415) 19.69 20.00 4.76 4.00 (423) 18.13 19.00 4.76 4.00	(211) 17.38 18.00	(211) 17.38 18.00	(211) 17.38 18.00	(211) 17.38 18.00	(211) 17.38 18.00

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		PRO1	EIN	FA	T	FIB	ER	COMPOSITION
MANUFACTURER AND BRAND NA	ME	Found	Guar.	Found	Guar.	Found	Guar.	
GOOD'S CITY MILLS, INC.		P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.	
Williamsport, Pa.		_					0.00	
Good's Goodmash	(87)	18.00	18.00	6.26	4.00	6.60	8.00	
HALES & HUNTER COMPANY Chicago, Ill.								
Red Comb Cbick Starter Red Comb Crate Fattansr	(306) (323)	20.81	20.00	4.91 3.52	3.00	6.25 6.59 7.46 7.20 6.27	6.00 7.00	
Red Comb Egg Mash Red Comb Growing Masb	(307) (308)	20.75 17.50	20.00	3.52 5.37 4.68	3.00	7.20	7.00 7.00	
Red Comb Turkey Growar Red Comb Turkey Starter	(311) (309)	21.94	21.00 25.00	4.64 4.91	3.00	6.27	7.00 6.00	
THE HERRMAN-MCLEAN COMPANY Cleveland, Ohio								
Obio Growing Masb	(248)	18.19	16.00	4.34	4.00	5.59	7.00	
HOWELL & SONS & JOHNSON Morrisvilla, Pa.				 				
Ho So Jo Laying Mash Our Own Chick Starter	(263) (262)	17.81 16.50	18.00 17.50	4.19 4.62	4.00 3.50	7.14 7.66	7.00 7.50	
HUNTSINGER MILL Hagins, Pa.								
Quality Egg Masb Quality Growing Masb Quality Sterting Mash	(6) (4) (5)	18.94 17.75 20.13	18.00 17.00 18.00	5.14 5.04 5.05	4.00 3.50 4.00	7.64 7.24 6.92	7.00 8.00 7.00	
JUNIATA ROLLER MILLS Thompsontown, Pa.								
Burn's Spacial Laying Mash Burn's Spacial Startar & Grower Burn's Vitamizad Laying Mash	(395) (396) (394)	19.56 17.88 18.50	20.00 17.00 20.00	5.06 4.56 4.65	4.00 4.00 4.00	6.01 5.96 6.56	7.00 7.00 7.00	
W. RUSSELL KENDALL Webster Mills, Pa.							-	
Kandall's Startar & Growar	(428)	18.06	18.00	3.13	2.00	3.81	7.00	
KINTNER MILLING COMPANY Maboopany, Pa.								
KMCO Cbick Startar Mash	(366)	19.38	18.00	4.46	4.00	7.26	7.00	
H. B. KRATZ & SONS Schwenksvilla, Pa.								
Idsal Laying Masb Idsal Starting & Growing Masb	(217) (218)	20.94	19.00	5.01 5.46	5.00	7.15 *7.25	6.50 6.50	
A. F. LEIDY Dalphi, Pa.		20.00	20.00	2.21	2.00	6.03	6.00	
Laidy's Egg Masb Laidy's Growing Mash	(213) (214)	18.06	18.00	3.14	2.00	5.62	7.00	
LYCOMING MILLS Williamsport, Pa.	(2) 0:	25.25	18.00	F 20	4.00	7.95	8.00	
Lycoming Growing Mash Lycoming Laying Mash McComb's Startar Mash	(348) (347) (350)	20.25 19.06 19.38	19.00	5.29 4.63 4.81	4.50	7.37 7.21	8.00	
W. H. MANBECK & COMPANY Mifflin, Pa.								
Juniata Growing Mash Juniata Laying Mash	(402) (404)	17.81 21.38	16.30 18.50	4.50 •3.51	3.80	6.28 6.09	6.00	
MARITIME MILLING COMPANY, IN Buffalo, H. Y.								
BB Egg Mesh	(174)	18.75	20.00	4.76	3.50	8.28	9.00	
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MANUFACTURER AND BRAND NA	ME		TEIN	FA		FIB		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
MARTINSBURG MILLING COMPANY Martinsburg, Pa.		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Champion 20% Egg Mash	(413)	19.56	20.00	4.58	4.00	6.34	7.50	
MCAFEE FEED & SUPPLY COMPAN Clarion, Pa.	ſΥ							
Supermix Growing Mash Supermix 20% Egg Mash	(195) (194)	18.31 20.13	18.00 20.00	4.38 4.36	3.00 3.00	7.42 8.47	7.50 8.00	
C. B. MCCOMMON Volant, Pa.								
AcCommon's "A" Grade Egg Mash AcCommon's Growing Mash	(183) (182)	20.56 18.44	18.00 17.00	4.92 4.96	4.50 5.00	6.67 6.72	9.00 6.00	::::::
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Breeder Mash with Methio-Vite Master Mix Chick Starter with	(72)	20.13	20.00	4.89	2.50	5.27	7.00	
Methio-Vite Master Mix Egg Mash Master Mix Egg Mash	(19) (71) (17)	19.25 19.06 19.44	18.00 20.00 20.00	3.23 3.52 3.31	2.50 2.50 2.50	5.20 6.77 4.93	7.00 7.00 7.00	
Master Mix Growing Mash with Methio-Vite	(16)	15.69	16.00	3.44	2.50	5.40	7.00	
MINER-HILLARD MILLING COMPAN Wilkes-Barre, Pa.								
A-1 Chick Starter A-1 Growing Mash	(324) (325)	16.38	14.00 14.00	5.34 5.09 5.11	4.00	7.27 5.41	7.00 6.50	
A-1 Turkey Growing Mash A-1 Turkey Starting Mash	(333)	15.31 20.63 17.06	15.00 15.00	5.11 5.25	4.50 3.50 3.80	*8.23 8.02	7.00 9.00	
Superior Duck Growing Mash Superior Fattening Mash	(328)	14.25	15.00 12.00	3.50	3.50	*7.48 4.29	6.50	
GEO. Q. MOON & COMPANY Binghamton, N. Y.								
Moon's Completa Laying Mash	(15)	16.06	16.00	3.53	3.00	7.09	9.00	
MOR-LOU FARMS Fallsington, Pa.								
Mor-Lou Farms Growing Mash Mor-Lou Farms Turkey Starter Mash	(260) (222)	18.56	18.00	4.13 4.52	3.50 5.00	6.12	6.50	
Mor-Lou Farms 20% Egg Mash Vright's 18% Starting & Growing	(259)	19.75	20.00	4.74	4.00	5.80	7.50	
Mash	(223)	19.19	18.00	4.91	3.50	6.75	6.50	
MOYER & SON Souderton, Pa.								
1 & S Turkey Growing Mash Mash for Laying Hens	(45) (46)	19.54	21.00	5.39 4.66	4.75 4.00	6.65 5.88	7.50 6.00	
NYCE'S SUPPLY YARDS New Britain, Pa.								
Gilt Edge Growing Mash Gilt Edge Laying Mash	(42) (41)	18.06 19.56	18.00 20.00	4.03 4.56	3.50 3.50	6.13 6.23	7.50 7.50	
P. J. OESTERLING & SON, INC. Butler, Pa.								
6-V Sunside Chick Starter Sunside Egg Mash No. 1 with	(178)	21.13	20.00	5.45	4.00	7.11	7.00	
Buttermilk Sunside Growing Mash	(177) (176)	21.63 19.00	20.00 17.00	5.92 4.98	3.00 3.00	7.27 8.10	7.50 7.50	
PETERSBURG MILLING COMPANY Bessemer, Pa.								
Pemico Egg Mash	(188)	19.19	20.00	3.31	2.00	6.41	7.00	
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run Egg Mash Pine Run Starting & Growing Mash	(38)	18.38 17.63	20.00 17.00	4.68 *3.78	4.00 4.50	*8.94 *7.85	7.00 6.50	

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-4	-	PROT	EIN	FA	T	FIB	ER	COM	POS	ITI	ON
MANUFACTURER AND BRAND NAM	L	Found	Guar.	Found	Guar.	Found	Guar.				
PRATT FOOD COMPANY Hammond, Ind.		P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.				
Pratt's Chick Startar Pratt's Growing Mash Pratt's Laying Mash	(257) (253) (258)	*17.81 16.63 16.63	20.00 16.00 18.00	4.77 5.64 4.87	3.50 3.50 3.50	6.39 8.10 8.05	7.00 7.50 7.50	==	- :	-	-
THE QUAKER OATS COMPANY Chicago, Ill.					- 3						
Ful-0-Pep Egg Braeder Mash Ful-0-Pep Laying Mash	(70) (69)	20.81	20.00	5.19 4.52	4.00 3.50	7.28 7.14	8.00 8.00		- :		-
RALSTON PURINA COMPANY St. Louis, Mo.											
Purina Chick Startana	(296) (293) (297)	17.94 21.75 15.75	17.00 20.00 15.50	4.84 4.87 4.46	3.00 3.50 3.00	6.41 4.18 7.22	7.00 7.00 8.00	= =	-	-	-
READING MILLING COMPANY Reading, Pa.											
	(320)	16.44	15.00	5.11	4.00	7.66	7.00		-		-
RED BANK MILLS New Bethlehem, Pa.					,		(00				
	(199)	19.44	18.00	4.63	4.00	6.27	6.00		-		-
RICHLAND FEED COMPANY Richlandtown, Pa.		20 20	15.00), 60	2 00	*7.81	6.00		_		_
Richland All Mash Starter & Grower Richland Laying Mash	(33)	18.13 22.13	15.00	4.77	3.00	*7.40	6.00		-		-
J. S. RILEY & COMPANY New Castla, Pa.							0.67				
Pioneer Laying Mash Pioneer Starting Mash	(241) (242)	18.38 20.56	18.00	4.36	3.00	6.17 5.77	8.00 8.00		-		-
ROARING CREEK MILLS Catawissa, Pa.											
All Mash Must Lay Egg Mash Must Gro Growing Mash Must Lay Egg Mash Must Liv & Gro Chick Startar	(22) (21) (20) (23)	17.25 19.81 18.63 19.63	16.00 19.00 19.00 19.00	4.72 5.13 5.29 5.20	3.50 3.50 3.50 3.50	6.01 6.62 6.60 6.34	7.00 8.00 8.00 8.00		-		=
H. ROCKWELL & SON Canton, Pa.											
C.F.D. Complete Broiler Mash C.F.D. Growing Mash Hen-O-La Mash with Oil Rockwell's Production Mash Rockwell's Starting & Growing Mash	(352) (357) (353) (355) (354)	17.69 18.56 17.56 19.94 20.00	18.00	7.52 6.31 5.56 6.03 5.59	3.50 3.35 3.50 3.00 3.50	6.18 7.83 6.06 7.58 6.56	8.00 10.00 10.00 10.00 8.00		-		
ROUX FEED MILLS Sharon, Pa.											
Roux Chick Startar	(138)	16.81	18.00	4.56	3.50	5.36	8.00		-		-
E. C. RUMBAUGH Saxonburg, Pa.											
Local Mix Egg Mash	(227)	15.81	15.00	4.52	3.00	8.35	10.00		-		-
SACRAMENTO ROLLER MILLS Sacramento, Pa.											
Daisy Egg Mash Sacromill Egg Mash Sacromill Growing Mash Starter & Growar Mash	(11) (8) (9) (10)	20.06	18.00 20.00 17.00 16.00	4.94 5.39 5.31 5.17	4.00	6.48 6.07 7.16 7.32	7.50 7.00 7.00 8.00				
SANDY LAKE MILLE Sandy Laka, Pa.											
Win-All Chick Startar & Growing Mash Win-All 20% Egg Mash	(131) (129)		18.00 20.00	5.05 5.04	5.00 4.50	6.43 6.61	6.50 7.50		: :		: -
• Deficient											

MANUEACTURER AND RRAND N	4345	PRO	TEIN	F	AT	F	IBER	COMPOSITION
MANUFACTURER AND BRAND N	AME	Found	Guar.	Found	Guar.	Found		COMPOSITION
SCOTLAND ELEVATOR COMPANY Scotland, Pa.	ī.	P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.	
Quality Laying Mash	(383)	18.75	20.00	4.37	4.00	7.92	7.50	
SCRANTON FLOUR & GRAIN COMPA	NY					,,,,	,1,0	
Penn State Laying Mash	(376)	18.75	20.00	*5.05	6.00	6.57	7.00	
SHANK'S MILL Waynesboro, Pa.								
Shank's Laying Mash	(388)	*13.94	17.00	3.67	3.50	7.37	7.00	
SHIEVER'S FEED STORE Prospect, Pa.								
Shiever's Special Egg Mash	(233)	17.75	18.00	5.21	3.50	6.56	6.00	
SNYDER MILLING COMPANY Nazareth, Pa.								
Gold Star Chick Starter Gold Star Growing Mash Gold Star Laying Mash	(205) (206) (204)	18.00 16.50 *17.25	17.00 17.00 20.00	4.17 5.31 4.40	4.50 4.00 4.00	6.56 7.26 *7.76	6.00 7.00 7.00	
SOMERSET MILLING COMPANY Somerset, Pa.								
Just Right Laying Mash Just Right Starting Mash	(68) (67)	17.81 18.75	18.00 17.00	4.53 4.50	4.00	7.38 5.97	7.50 6.00	
S & R FEED COMPANY Quakertown, Pa.								
S & R Growing Mash S & R Laying Mash	(35) (34)	17.13 19.63	18.00	4.41 4.83	4.00	6.41	8.00	
D. A. STICKELL & SONS, INC Hagerstown, Md.								
Blue Ridge Egg Mash Blue Ridge Egg Mash Pellets Su-Pur Turkey All Mash Starter	(12) (13) (14)	19.31 18.63 25.00	20.00 20.00 26.00	3.94 5.11 4.54	3.50 3.50 4.00	5.87 5.54 5.22	6.00 6.00 6.00	
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Diamond Chick Starter Stover's Diamond Laying Mash	(210) (209)	22.81 20.75	18.00	5.36 4.86	4.00	6.97	7.00	
STRAUBY'S RELIABLE FLOUR & FEED C Weissport, Pa.	OMPANY							
18% Reliable Growing Mash Reliable All Mash Laying Ration 20% Complete Chick Starter	(344) (345) (346)	16.31 15.56 20.06	18.00 15.50 20.00	4.72 4.50 5.14	4.00 3.50 4.00	6.56 6.59 5.86	7.50 7.00 7.00	
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Valley Chick Starter & Grower Valley 19% Laying Mash	(235) (234)	21.56	20.00	4.62	3.50	*8.54 6.35	6.00 8.50	
SUNBURY MILLS, INC. Sunbury, Pa.								
Sunbury Laying Mash Weis Quality Laying Mash	(118) (119)	19.06 19.25	18.00 18.00	4.63 4.72	3.00	9.47 8.94	10.00	
SWINGLE BROTHERS Lake Ariel, Pa.							r.	
Direct Laying Mash	(363)	16.81	18.00	4.59	4.00	9.31	9.00	
W. B. THOMPSON & SON Waynesboro, Pa.								
Thompson Egg Mash	(386)	16.00	17.00	3.79	2.00	7.57	8.00	
• Deficient								

		PROT	EIN	FA	T	FIB	ER	COMPOSITION
MANUFACTURER AND BRAND NA	ME	Found	Guar.	Found	Guar.	Found	Guar.	
THOMPSONTOWN FLOUR & FEED MI	LL	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Reconomy Laying Mash	(392)	18.38	20.63	4.52	4.05	*7.74	5.97	
THORPE, BAKER & COMPANY Carbondale, Pa.								
Red Tag Startar & Grower Mash	(367)	22.75	19.00	4.67	3.00	5.49	8.00	
THRIFT FEED MILL Doylestown, Pa.								
Thriftee Starting & Growing Mash	(282)	19.31	20.00	3.67	2.50	6.56	6.50	
TIOGA MILLS, INC. Waverly, N. Y.								
Chicatina Conditiontine Emergency Laying Mash Ti-O-Ga Grower Ti-O-Ga Grower Ti-O-Ga Laying Food Ti-O-Ga Turkay Growar	(163) (161) (162) (165) (113) (114) (115)	20.31 16.19 19.00 16.31 16.31 18.13 17.25	20.00 15.00 18.00 16.00 16.00 18.00 16.00	4.48 4.54 4.41 4.33 5.09 4.36 4.34	3.00 3.50 3.00 3.00 3.00 3.00 3.00	5.94 3.92 8.18 6.09 8.38 8.80 6.58	7.50 7.00 8.50 8.00 8.00 8.00	
JACOB TRINLEY & SONS Linfield, Pa.								
Real Egg & Braeder Mash	(267)	18.50	18.00	4.06	4.00	*7.65	6.50	
VANDERVORT MILLS Laceyvilla, Pa.				, -0	1. 00	7 00	8.00	
Vendervort's Butter Milk Mash Vandervort's Growing Mash Vandervort's Growing Mash Vandervort's Laying Mash	(158) (373) (159) (372)	18.44 17.25 18.06 17.44	20.00 17.00 17.00 18.00	4.38 4.39 3.96 4.17	4.00 4.00 4.00 4.00	7.22 8.62 7.31 8.80	8.00 8.00 8.00	
THE VOLANT MILLS Volant, Pa.							0.00	_
Volant Mills 15% Devaloper Volant Mills Starting Wash	(187) (186)	18.44	15.00 18.00	4.81 4.65	3.00	6.16 5.76	8.00 7.00	- ::::::
WAYNE MILLING COMPANY Honesdale, Pa.					1	6.47	6,00	
Wayne Starting & Growing Mash Wayne Suprame Laying Mash	(381) (380)	17.50 17.13	17.50 17.00	4.96 4.88	3.00	9.41	9.00	11
HARRY J. WEIMER, JR. Lewistown, Pa.							5.00	
Weimer's Laying Mash Maitland Roller Mills Starter &		*15.50	20.00	*3.40	4.00	4.24	7.00	
Grower WEST APOLLO MILLING COMPA	(399) NY	16.33	18.00	4.43	4.00	4.98	7.00	
Apollo's Best Egg Mash	(231)	19.31	20.00	14.64	5.00	6.67	7.00	
H. G. WEST Slippery Rock, Pa.								
West's Special Egg Mash	(180)	18.94	18.00	4.50	2.00	6.00	7.00	
WESTERMAN'S FEED STORE Sarver, Pa.								
Home Mix Chick Startar	(230)	17.63	18.00	4.39	3.50	6.84	7.00	
WOODBURY MILLING COMPANY Woodbury, Pa.								•
Crown 16% Laying Mash	(417)	20.94	16.00	4.56	4.00	7.31	8.00	
F. S. YOST'S SON Plaasant Valley, Pa.						(90	8 00	
Yost's Mastar Mix Egg Mash Yost's S. P. Mash Yost's Starting & Growing Mash	(30) (28) (29)	17.38	18.00 17.00 16.00	4.06	3.00 3.00 3.00	6.89 7.32 7.38	8.00 8.00 7.00	
Avarage		18.41		4.55		6.80		
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MANUFACTURER AND BRAND NA	ME	-	TEIN	F	AT	FI	BER	COMPOSITION	
	VIVI E	Found	Guar.	Found		Found	Guar.	22	
Proprietory Small Andrea Pro		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
Proprietery Small Animel Fee BUCK & HUNSBERGER	<u> 20</u>								
West Point, Pa.									
Bucky's Dog Food	(49)	19.63	21.00	5.07	3.00	2.34	5.00		
DOG-JESTABLE PRODUCTS, INC. Philedelphia, Pa.									
Jest (Dog Food)	(226)	10.33	10.00	3 - 53	1.50	0.53	1.00		
EZL. DUNWOODY COMPANY Philedelphia, Pa.									
ca Pigaon Faad	(299)	12.81	10.00	*2.56	3.00	2.88	4.50		
JOHN W. ESHELMAN & SONS Lancastar, Pa.									
shalman Rad Rose Whole Dog Biscui	ts(322)	22.94	20.00	2.96	2.00	2.55	3.00		
ROY GOFF & COMPANY, INC. Wast Chaster, Pa.									
off Dog Food	(1)	*8.76	10,00	3.16	3.00	0.43	2.00		
HALES & HUNTER COMPANY Chicago, Ill.									
1ctorie Rabbit Feed 1ctoria Rabbit Feed Pallats	(312) (310)	14.19 15.69	12.00 12.00	4.04 4.57	2.00	11.21	15.00 15.00	::::::	
HYGRADE FOOD PRODUCTS CORPORAT New York, N. Y.	ION	b 1	!						
1-Gea Dog Ration	(2)	21.28	16.50	9.91	3.50	*1.18	1.00		
KASCO MILLS, INC. Waverly, N. Y.									
asco Complate Rabbit Retion	(305)	14.31	12.00	4.04	2.00	11.62	15.00		
MARITIME MILLING COMPANY, INC Buffalo, N. Y.	•	1							
int Club	(3)	22.38	23.00	5.58	3.50	3.12	4.00		
NATIONAL BISCUIT COMPANY New York, N. Y.						,,,,,			
llk Bone Dog Biscuit	(432)	22.50	21.00	1.89	1.50	2.20	2.50		
NATIONAL PET SUPPLY COMPANY St. Louis, Mo.									
s. Halfin's Itsy-Bitsy - A Swaat Maat For Dogs	(251)	18.00	15.00	2.77	1.50	2.19	4.50		
PHILADELPHIA SEED COMPANY, INC Philadelphia, Pa.	·.				1				
onomy Special Pigeon Faad	(287)	11.56	10.00	3.32	2.00	2.35	4.00		
orgrain breeding raad orgrain Conditioning Faad orgrain Pigaon Faad N. 1	(290) (288)	15.19	13.50	3.10	2.50 3.00	4.14	5.00		
Prerain Pisson Read No. 2	(286) (291)	14.69 13.62	11.20	2.51	2.00	3.63 3.34 2.94	4.00		
rgrain Pigeon Faad No. 3 rgrain Pigaon Faad No. 4	(292) (285)	15.81 13.13	13.30	2.29	2.00	2.94 2.73 4.36	4.00		
rgrain Special Racing Faad rgrain Squab Faad	(289) (284)	17.25	18.00 10.50	3.25 2.53 3.87	2.50	2.42	4.50 2.50		
rgrein Dog Chow Checkers RE-DAN PACKING COMPANY Ozona Park, L. I., N. Y.	(321)	24.38	21.00	7.30	4.00	3.67	6.00		
dat Dog Food	(283)	*7.03	9.00	2.11	1.50	0.78	1.00		
<u> </u>	, 20, 7	7.03	7.00		1.50	0.70	1.00		
Daficient									
			110		- 1	1			

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
J. S. RILEY & COMPANY New Castla, Pa.		P. ct.	P. ct.	P. ct.	P. ct	P. ct.	P. ct.	
Tri Blend Dog Food	(243)	24.44	20.00	5.02	3.00	2.30	6.00	
RIVAL PACKING COMPANY Chicago, III.								
Rival Dog Food	(224)	9.67	10.00	*1.18	2.00	0.55	1.00	
H. ROCKWELL & SON Canton, Pa.								
Saunders Dog Ration	(356)	21.06	21.00	6.26	4.00	2.54	5.00	
ROUX FEED MILLS Sharon, Pa.								
Roux Dog Food	(144)	21.63	23.00	3.50	2.00	2.30	4.00	
STANDARD BRANDS, INC. New York, N. Y.					,			
Fleischmann's Irradiated Dry Yea for Do	st gs (252)	48.75	45.00	1.26	0.50	0.50	10.00	
STURDY DOG FOOD COMPANY, I Syracuse, N. Y.						(
Sturdy Dog Food	(225)	12.60	12.00	6.48	2.50	0.76	1.25	
SUNSHINE BISCUIT, INC. Long Island City, N. Y.								
Austin's Dog Food	(430)	23.18	22.00	3.69	2.50	3.78	4.50	
WILSON & COMPANY, INC. Chicago, Ill.								
Ideal Dog Food	(429)	27.13	28.00	6.23	6.00	2.64	4.00	
Avarage		17.77		3.86		3.27		
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